

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re:	Andrei V. Belikov et al.	Confirmation No:	7647
Serial No:	10/596,535	Group:	Not yet assigned
Filed:	29 September 2005	Examiner:	Not yet assigned
For:	Method and apparatus for tooth rejuvenation and hard tissue modification		
Customer No.:			
Attorney Docket No.	0032.0007US		

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

☒ Enclosed herewith is form PTO-1449:

- ☐ Copies of the cited references are enclosed except US patent references.
- ☐ References cited were entered in prior application, U.S. Application No. _____, to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- ☒ The listed references were cited in the enclosed International Search Report.
- ☐ The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
 - ☐ the explanation provided in the Specification.
 - ☐ submission of the enclosed International Search Report.
 - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
 - ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner

Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 502 233 in the amount of \$[]. A copy of this Statement is enclosed.
- ☐ Please charge any deficiency in fees and credit any overpayment to Deposit Account 502 233.
- ☒ No fee is required.

Respectfully submitted,

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Dated: June 19, 2006

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Substitute for form 1445PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/596,535
Filing Date	29 September 2005
First Named Inventor	Andrei V. Balikov
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	0032.0007US1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number/Kind Code ² (if known)			
		US- 6309625	10/30/2001	Jensen, Steven D. et al.	
		US- 2002/0058231	05/16/2002	Friedman, Joshua	
		US- 2002/0072030	06/13/2002	Davis, Kerry N.	
		US- 2004/0116511	06/17/2004	Mailik, Sohail	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	† ⁴
		Country Code ³ /Number ⁴ /Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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*EXAMINER Initial If reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Code of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by its two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/34606

A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61C 5/04(2006.01),15/06(2006.01),5/06(2006.01),3/14(2006.01),11/06(2006.01),5/06(2006.01),5/04(2006.01)

USPC: 433/89,49,52,53,54,215-216,32,214,90

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 433/89,49,52,53,54,215-216,32,214,90

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 6,309,625 B1 (JENSEN et al) 30 October 2001 (30.10.2001), column 2, lines 41-49; column 8, lines 48-51; column 9, lines 40-44 & 49-52 & Figures 14-5.	1-4, 9-11, 16, 21-22, 26-28, 30, 32-34, 38-39, 41-42, 49-51, 53-55, 66-74, 86, 88, 98, 100, 114-115, 117-118 40
X — Y	US 2002/0058231 A1 (FRIEDMAN) 16 May 2002 (16.05.2002), [0006]-[0012]	43, 49-50, 52, 56-61, 104-107, 110, 113 40
A	US 2002/0072030 A1 (DAVIS) 13 June 2002 (13.06.2002), entire document.	1-118

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.* *Specify categories of cited documents.*

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may draw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special matter (as specified)

"O" documents referring to an oral disclosure, use, exhibition or other means

"P" documents published prior to the international filing date but later than the priority date claimed

"F"

later documents published after the international filing date or priority date and put in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

documents of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is considered with one or more other such documents, such combinations being obvious to a person skilled in the art

"A"

document number of the same patent family

Date of the actual completion of the international search

01 March 2006 (01.03.2006)

Date of mailing of the international search report

29 MAR 2006

Name and mailing address of the ISA/US

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INTERNATIONAL SEARCH REPORT

PCT/US05/34606

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2004/0116511 A1 (MALIK) 17 June 2004 (17.06.2004), entire document.	1-118